Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Wednesday 14 Feb 2024 until 23:59 on Thursday 15 Feb 2024

Forecast Issued on Wednesday 14 Feb 2024 at 02:12

Confidence: High for overall weather story but moderate for exact location of rainfall.

Headline for Wednesday 14 Feb 2024: A cloudy day with rain at times.

Mountain weather hazards on Wednesday 14 Feb 2024

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Drizzle	Drizzle	Heavy Rain
Precipitation probability					
60%	60%	70%	40%	40%	40%

Forecast for Wednesday 14 Feb 2024

Weather: Low cloud will linger throughout the day across the region with outbreaks of rain at times. Some heavier bursts of rain during the day but most likely later in the evening.

Chance of cloud-free hill tops above 800m: 60% during the overnight period, soon reducing to 20%

Low cloud and visibility: Scattered low cloud base 400-600m, soon becoming broken by morning, lowering 300m at times. Visibility poor in hill fog, moderate in rain, good at lower levels in drier interludes.

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Mountain Weather Forecast

Forecast for Wednesday 14 Feb 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	19/23 S	24/28 S	24/29 S	28/34 SW	23/29 SW	19/24 S	25/32 S
600	17/22 S	17/23 S	19/26 S	18/25 SW	15/21 SW	17/24 S	18/26 S
300	3/15 S	4/18 S	7/20 S	8/22 SW	6/18 SW	6/18 S	6/20 S
Valley	1/11 SE	2/12 S	7/17 S	7/18 SW	6/15 SW	6/16 S	9/20 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	5/-0	5/-0	5/0	5/-1	5/-0	5/1	5/-0
600	6/2	6/2	6/2	6/2	6/2	6/3	6/2
300	6/5	6/5	8/5	8/5	7/5	8/6	8/6
Valley	7/6	8/7	9/7	9/7	8/7	9/7	9/7
Freezing Level*	1900m	1900m	2000m	2000m	1900m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low cloud throughout the day giving limited views.

Forecast for Thursday 15 Feb 2024

Weather: Low cloud lingering throughout the day again with heavier and more persistent rain than Wednesday. Becoming drier through the evening.

Maximum wind: Southerly 10-15 mph

Chance of cloud-free hill tops above 800m: 20%

Low cloud and visibility: Broken low cloud base 300-500m, perhaps breaking up a little during the evening. Visibility poor in hill fog, moderate in rain, good at lower levels in drier interludes, mainly evening.

Temperature: **Valleys:** Plus 9 rising to plus 12 Celsius
At 800m: Plus 5 or 6 Celsius
Freezing level: Above summits

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Tuesday 13 February 2024 Location: Helvellyn summit at 11:37 Full report: Fresh snow fell overnight and settled above 700m, although a slow thaw set in through daylight hours, and the summit temperature was fluctuating just above freezing point. Snow depth increases with height, and drifts up to 50-60cm in sheltered areas are not uncommon. Small cornices are beginning to develop around corrie rims and pockets of windslab are also present in these locations and along ridge flanks. The summit of Helvellyn is a patchwork of snow and frozen ground. Swirral and Striding Edge are in winter condition, however, with a lot of exposed rock. The feels-like temperature (wind chill) was around -8ºC today and anyone standing still even for short periods would get very cold very quickly. Full winter clothing (warm and waterproof) including hats and gloves, and equipment including a map, compass, and headtorch are all essential. For anyone venturing onto steep and exposed ground (such as the Helvellyn edges), an ice axe, and crampons/microspikes are essential. Temperature: plus 0.2 C, Maximum wind speed 19.2 mph, Wind chill: minus 7.4 C, Average wind speed: 13.7 mph

Issued at: 02:12 on Wed 14 Feb 2024

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